

NEUCELES

NEBULIZER



Célebre
The Celebrities' Choice

CELESTIALAB
ETHICAL LIFE SCIENCE

ALPS
ETHICAL LIFE SCIENCE

WHAT ARE EXOSOME



Exosome are small, membrane-bound vesicle naturally produced by cells throughout the body.



These tiny structure play a pivotal role in cell to cell communication, facilitating the exchange of information between cells.



NeuCeles Exosome are stem Cells derived and are used in repairing aging body tissues.



They have also displayed noteworthy regenerative activity.



Exosome have been found to play a major role in influencing cells to heal.



WHY EXOSOME?

- ✓ **Biology's "Message in a Bottle"**
Natural cellular messengers
- ✓ **Targeted Therapies**
Deliver payloads directly to specific cells, optimizing treatment efficacy
- ✓ **Minimal Side Effect**
Low immunogenicity and minimal risk of adverse reactions.
- ✓ **Non-Invasive**
Non-surgical, minimally invasive treatments with little to no downtime.
- ✓ **Ease of Accessibility**
The storing, transporting and delivering of exosome are hassle free. Longer shelf than stem cells.

BENEFITS OF NEUCELES

- ✓ **Regulate immune response**
- ✓ **Reduce inflammatory Response**
- ✓ **Reduce Severity of Injuries to organs**
- ✓ **Improve Pathogen Clearance**
- ✓ **Promote Lung Recovery**
- ✓ **Improve Respiratory Function**

BENEFITS OF NEBULIZED EXOSOME

- ▶▶ High bioavailability to the lungs
- ▶▶ Rapid absorption of exosome in lungs
- ▶▶ Nebulization allows exosome to reach the bronchioles and alveoli directly.
- ▶▶ Inhalation of exosome had no adverse effects
- ▶▶ Nebulized exosome reduce hospitalization duration of patients with mild Covid-19
- ▶▶ Non-invasive and easy to administer by nebulization.
- ▶▶ Avoids the first-pass effect

APPLICATION OF (NEUCELES)

- ▶▶ Pulmonary Disease
- ▶▶ Respiratory Inflammation
- ▶▶ Treatment of Bronchitis and Laryngitis
- ▶▶ Acute Respiratory Distress Syndrome (ARDS)
- ▶▶ Chronic Obstructive Pulmonary Disease (COPD)
- ▶▶ Asthma

TARGET PATIENTS

1 Patients with Acute Respiratory Distress Syndrome (ARDS)

2 Patients with Chronic Obstructive Pulmonary Disease (COPD)

3 Asthma Patient

4 Covid 19 Pneumonia Patient

5 Lung Inflammation

Recommended For People:

- ▶▶ With breathing difficulties, asthma or chronic disease obstructive pulmonary disease
- ▶▶ With relatively stable disease conditions
- ▶▶ Aged between 18 years old to 75 years old

Not Recommended For People With:

- ▶▶ Pneumonia
- ▶▶ Tuberculosis
- ▶▶ Any active lung infections
- ▶▶ Lung Fibrosis
- ▶▶ Cancer

TREATMENT PLAN FOR ASTHMA/COPD

